

AUG 16 2005

Knobbe Martens Olson & Bear LLP

Intellectual Property Law

 2040 Main Street
 Fourteenth Floor
 Irvine, CA 92614
 Tel 949-760-0404
 Fax 949-760-9502
 www.kmob.com

USPTO FACSIMILE TRANSMITTAL SHEET

Page 1 of 1

Docket No.: EVOL.006A

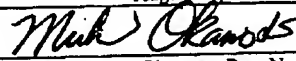
CUSTOMER NO. 20995

Applicant : Burl, et al.
 App. No. : 10/642,358
 Filed : August 15, 2003
 For : SYSTEMS AND METHODS FOR THE
 AUTOMATED SENSING OF MOTION IN
 A MOBILE ROBOT USING VISUAL
 DATA
 Examiner : LaRose
 Group Art Unit : 2623

CERTIFICATE OF FAX TRANSMISSION

 I hereby certify that this correspondence and all
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 273-8300 on the date shown below:

August 16, 2005



Michael S. Okamoto, Reg. No. 47,831

Transmitted herewith for filing and consideration in the above-referenced application are the following items:

(X) Amendment/Response in 16 pages.

(X) Non-Final

FILING FEES:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Total Claims minus 20; or Previously Paid	51 - 52 = 0	1202 (\$50)	0 x 50 =	\$0
Independent minus 3; or Previously Paid	8 - 8 = 0	1201 (\$200)	0 x 200 =	\$0
3 Month Extension		1253 (\$1,020)		\$1,020.00
TOTAL FEE DUE				\$1,020.00

(X) Please charge the total fees due in the amount of \$1,020.00 to Deposit Account No. 11-1410.

(X) Total pages in transmission: 17

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.



 Michael S. Okamoto
 Registration No. 47,831

Attorney of Record

Customer No. 20,995

(310) 551-3450

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 San Diego
 619-235-8550

 San Francisco
 415-954-4114

 Los Angeles
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 Riverside
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 805-547-5580

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EVOL.006A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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AMENDMENT AND RESPONSE TO THE FEBRUARY 16, 2005 OFFICE ACTION

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants respectfully respond to the Office Action of February 16, 2005 as set forth below. Claims 1-7, 9-32, and 34-53 remain in the present application.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 13 of this paper.